CLAIMS

1. A method for producing a panel comprising at least one first region of compression-moulded thermoplastic or thermosetting material and a second region of injection-moulded thermoplastic material, comprising the step of positioning at least one plate of thermoplastic or thermosetting material in a plastic state between two half-moulds having respective moulding surfaces, closing the half-moulds and compressing the plate between two mutually facing compression-moulding regions of said moulding surfaces, and injecting plastic material into a space defined between two mutually facing injection moulding regions of said moulding surfaces.

2. A method as claimed in claim 1, comprising the step of retaining an edge of the plate of thermoplastic or thermosetting material along a border line between said injection moulding regions and said thermo-compression moulding regions.

3. A method as claimed in claim 1, comprising the step of forming ribs integral with said injection moulded panel region, said ribs being welded to an end area of said plate.

4. A method as claimed in claim 1, comprising the step of applying a lining sheet onto a surface of said plate during the step of thermo-compression moulding thereof.

5. A method as claimed in claim 4, comprising the step of pressing an edge of said lining sheet against a corresponding edge of said plate.

6. A method as claimed in claim 1, comprising the step of providing a reference surface along said border line between said thermo-compression moulding regions and said injection moulding regions to lay said plate with an edge thereof along said border line.

7. An apparatus for producing a panel comprising at least one region of compression-moulded thermoplastic or thermosetting material and at least one region of injection-moulded thermoplastic material, comprising a first and a second half-mould having respective moulding surfaces, said moulding surfaces having respective compression moulding regions and respective injection moulding regions facing each other.

8. An apparatus as claimed in claim 7, comprising at least one injection channel formed in one of said half-moulds and open on the respective injection moulding region.

9. An apparatus as claimed in claim 7, wherein one of said half-moulds comprises a plurality of grooves which extend astride a border line between the compression moulding region and the injection moulding region of the moulding surface.

10. An apparatus as claimed in claim 7, comprising a retaining element borne by one of said half-moulds and movable relative to said half-mould in a direction parallel to the direction of closure of the half-moulds, said retaining element being able to press an edge of a lining sheet against a corresponding edge of a plate of thermoplastic material set down on the complementary half-mould.

11. An apparatus as claimed in claim 7, comprising a positioning element movable between an operative position and an inoperative position, in which said positioning element has a positioning surface which in the aforesaid operative position extends in correspondence with a border line between said compression moulding and injection moulding regions.